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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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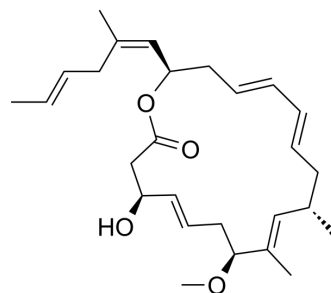
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Biselyngbyolide B

Cat. No.:	HY-N12847
CAS No.:	1784755-74-3
Molecular Formula:	C ₂₇ H ₄₀ O ₄
Molecular Weight:	428.6
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Biselyngbyolide B is an anticancer marine macrolide that can be isolated from the marine cyanobacterium <i>Lyngbya</i> sp. Biselyngbyolide B is an ER stress inducer ^{[1][2]} .
In Vitro	Biselyngbyolide B shows cytotoxic effect on HEK293T and HCT116 cells (IC ₅₀ : 20.6 μM and 3.2 μM respectively) ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Mandal P, et al. Structure-Activity Relationship Study of Biselyngbyolide B Reveals Mitochondrial Fission-Induced Cytotoxicity in Cancer. *ACS Med Chem Lett.* 2024 Apr 19;15(5):696-705.

[2]. Osamu Ohno, et al, Biselyngbyolide B, a Novel ER Stress-inducer Isolated from the Marine Cyanobacterium *Lyngbya* sp., *Chemistry Letters*, Volume 43, Issue 3, March 2014, Pages 287–289.

Caution: Product has not been fully validated for medical applications. For research use only.

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